

Notice of Allowability

Application No.

10/591,590

Examiner

Jermaine Jenkins

Applicant(s)

ICHIKAWA ET AL.

Art Unit

2855

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to preliminary amendment filed on 9/6/06.
2. ☒ The allowed claim(s) is/are 1,3-6,8-10 and 12-14.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO/SB/08),
Paper No./Mail Date 03012007
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Allowable Subject Matter

1. Claims 1, 3-6, 8-10 & 12-14 are allowed.
2. The following is an examiner's statement of reasons for allowance: The prior art does not disclose or suggest an electronic-device fixing system having at least a part of a surface of the engaging convex portion includes a first zigzag region formed in a zigzag; at least a part of a surface of the engaging concave portion includes a second zigzag region formed in a zigzag, and the second zigzag region engaging with the first zigzag region; and the first zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

The prior art does not disclose or suggest an electronic-device fixing system having at least a part of a surface of the engaging concave includes a zigzag region formed in a zigzag, the zigzag region engaging with the engaging convex portion: and the zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion, and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

The prior art does not disclose or suggest an electronic-device fixing system having at least a part of a surface of the engaging convex portion includes a zigzag

Art Unit: 2855

region formed in a zigzag; and the zigzag region forms: a sloping portion tapering in a direction in which the engaging convex portion is inserted into the engaging concave portion; and a pullout suppression portion continuing to the sloping portion and being at an acute angle to a direction in which the engaging convex portion is pulled out from the engaging concave portion.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- U.S. Patent 5,962,778 (Billieres) – Device for Monitoring Stresses Undergone by a Tire
- U.S. Patent 5,218,861 (Brown et al) – Pneumatic Tire Having an Integrated Circuit Transponder and Pressure Transducer
- U.S. Patent 4,099,157 (Enabnit) – Single Wire Power/Signal System for Vehicle Auxillary Devices
- U.S. Patent 4,052,696 (Enabnit) – Tire Condition Monitor
- U.S. Patent 3,872,424 (Enabnit) – Apparatus and Method for Transmitting Auxilliary Signals on Existing Vehicle Wiring

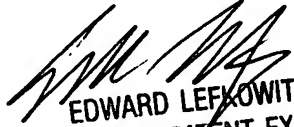
Art Unit: 2855

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jermaine Jenkins whose telephone number is 571-272-2179. The examiner can normally be reached on Monday-Friday 9am-530pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Lefkowitz can be reached on 571-272-2180. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Jermaine Jenkins
A.U. 2855


EDWARD LEFKOWITZ
SUPERVISORY PATENT EXAMINER
EBC CENTER 2800